



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Dr. G. A. (Jim) Shirazi, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

October 31, 1983

Mr. Kent Dahlquist
Mining Engineer
Union Carbide Corporation
Metals Division
LaSal, Utah 84530

RE: Bond Estimates
Deremo Mine - ACT/037/025
LaSal-Snowball - ACT/037/026
Wilson-Silverbell-ACT/037/027
Hecla - ACT/037/043
Redd Block Four- ACT/037/046 ✓
San Juan County, Utah

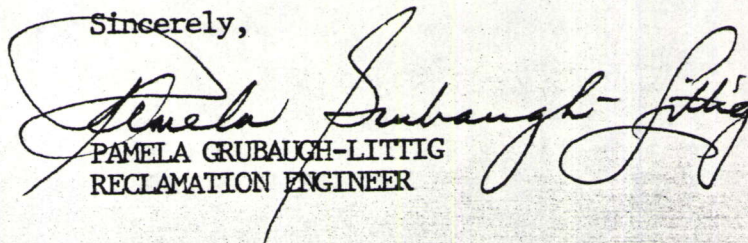
Dear Mr. Dahlquist:

I reviewed the bond estimate submittals for all of the above Union Carbide mines. There are several recommendations that should be considered:

1. Details of the reclamation steps should be itemized along with the unit costs. The standard for the costs is the "Rental Rate Blue Book" and "Means Site Costs Index."
2. There should be consistency for all of the costs given. For example, the stabilization (reseeding, mulching and fertilization) varied from mine to mine. The costs of plugging boreholes, vent shafts, etc., varied also. Please make all of the costs consistent.
3. Changes in acreage from the bond submittal in early 1983 and the present submittal for various grading work, for example, were made without any explanation. Please explain.

I appreciate your cooperation in this matter. Please call me if you have any questions.

Sincerely,


PAMELA GRUBAUGH-LITTIG
RECLAMATION ENGINEER

PGL/btb

cc: T. Tetting, DOGM